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# <sup>3</sup>STEPS TO PAVE YOUR WATERWAYS—*With Grass*

## USE NATURAL DRAINAGEWAY

Grassed waterways are used to carry off the water that cannot be absorbed by the soil. They must be (1) designed to carry all the water, (2) properly constructed, (3) covered with grass dense enough to protect the channel from erosion (gullying), and (4) must be maintained year after year.



## PREPARE A FIRM SEEDBED

After the waterway has been properly designed and shaped, make a good firm seedbed. In crop fields prepare and seed as the meadow is seeded. Terrace outlets and other specially built channels require extra work.

## USE FERTILIZER

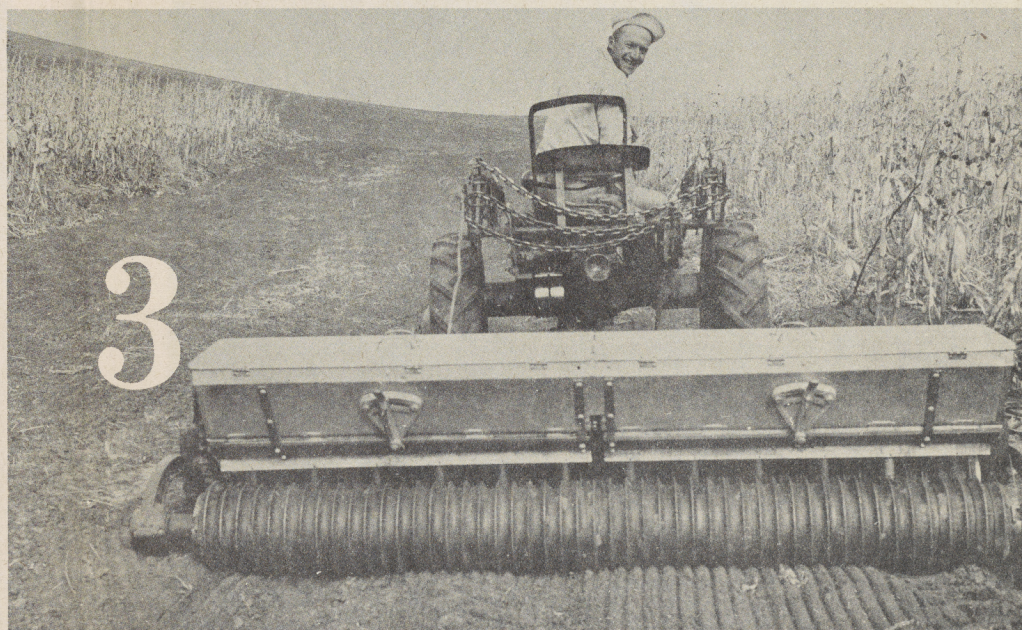
Barnyard manure, 20-30 spreader loads per acre, thoroughly worked into the soil, and heavy application of commercial fertilizer are needed to get grass started in waterways.

## SEED A SIMPLE MIXTURE

One grass with a companion crop is usually enough. Legumes only weaken the sod. Use two or three times more seed than ordinarily used for meadow seedings.

## MULCH AFTER SEEDING

After seeding, spread a light mulch at the rate of two tons per acre. Use strawy manure, a stack bottom, or even straw for the mulch. Then cultipack the waterway again to cover the seed and to press the mulch into the soil.



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